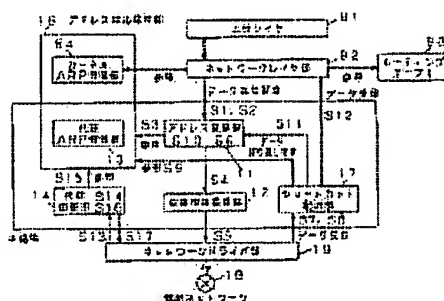


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Inventor(s): WADA HIROMI; FUKUSHIMA HIDEAKI +
Applicant(s): MATSUSHITA ELECTRIC IND CO LTD +
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- International: *G06F13/00; H04L12/56; H04Q7/22; H04Q7/28; G06F13/00; H04L12/56; H04Q7/22; H04Q7/28; (IPC1-7): G06F13/00; H04L12/56; H04Q7/22; H04Q7/28*
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PROBLEM TO BE SOLVED: To execute IP(internet protocol) mobile communication, without mounting a Mobile IP protocol by substitutionally answering a conversion result at the time of receiving a conversion request from a logical address to a physical address. **SOLUTION:** A position information-storing part 12 holds the correspondence of a MAC address with a telephone number, executes conversion from the MAC address obtained by an address-converting part to the telephone number and obtains present position information of a terminal which is indicated by the telephone number from the telephone number. A substitute answering part 14 extracts ARP(address resolution protocol) Request from broadcast-type packets which are fetched from a network driver part 19, refers to ARP information (the corresponding of an IP address and the MAC (multiplied analog component) address) held by an address corresponding-holding part 16 and transmits requested ARP information to the transmission source IP address of ARP Request as ARP Respons. Thus, address conversion is executed at the time of the conversion request from the logical address to the physical address, and its result is transmitted.

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